

**QP CODE: 108011**

**Reg. No:.....**

**First Post Basic B.Sc Nursing Examinations-September 2013**

**MICROBIOLOGY**

**Time: 3 Hours**

**Total Marks: 75**

- **Answer all questions**
- **Draw diagram wherever necessary**

**Essay :**

**(2x10=20)**

1. List two common organisms causing urinary tract infection (UTI). What are the clinical features of UTI. What are the different methods of sample collection. Discuss the laboratory diagnosis and treatment of UTI. (1+2+4+3 =10)
2. Define nosocomial infection. What are the common types of nosocomial infection. Describe various modes of transmission of nosocomial infection. Briefly discuss the role of nurses in controlling nosocomial infection (1+2+3+4=10)

**Short notes :**

**(8x5=40)**

3. Anaphylaxis
4. Non-suppurative complications of streptococcus pyogenes
5. Gas gangrene
6. VDRL test and it's clinical applications
7. Hepatitis B virus-transmission and prophylaxis
8. Biomedical waste management
9. Giardiasis
10. Dermatophytes

**Answer briefly :**

**(5x3=15)**

11. Louis Pasteur
12. Universal precautions
13. Enrichment media with examples
14. Pasteurization of milk
15. Symptoms, signs and management of cholera

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